

19980309.ba v01\_n960.bam.980309 v01\_n961.bam.980309

>From ???@??? Mon Mar 09 18:11:19 1998  
Message-Id: <199803091401.IAA04177@sco.theporch.com>  
Date: Mon, 9 Mar 1998 08:01:56 CST  
Subject: BOATANCHORS digest 1960

BOATANCHORS Digest 1960

Topics covered in this issue include:

- 1) Let's have more radio - less spam. & Hamfest report.  
by John Dilks <oldradio@worldnet.att.net>
- 2) A Tribute to A Master Boatanchor - W5PYT Bob Hohertz  
by "William B. Ross" <billross@txdirect.net>
- 3) abuse  
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
- 4) ADMIN: Please Help me out here....  
by listown@jackatak.theporch.com (List Admin/Owner Radio Mail Lists)
- 5) R390A HR202  
by laffitte@prtc.net (laffitte)
- 6) Article by Morris Odell  
by Dean Davidson <ddavidso@metz.une.edu.au>
- 7) Re. A query  
by "Thomas A. Adams" <103360.2133@compuserve.com>
- 8) ART-13  
by Ralph Parker <rparker@istar.ca>
- 9) Spam  
by Ralph Parker <rparker@istar.ca>
- 10) Stents  
by Jderm740 <Jderm740@aol.com>
- 11) RBL-3  
by "Benjamin D. Hall" <kd5byb@WT.NET>
- 12) Help MILLEN info  
by "Arthur Moe" <KB7WW@SignalONE.com>
- 13) Flexible insulant  
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
- 14) SRR-11 progress and help wanted  
by Tom Norris <badger@telalink.net>
- 15) Re: SOS code wheel  
by Paul Nelson <drhydro@ames.net>
- 16) Someone needed a HP-23 Cover  
by "Allan D. Fritsche" <fritsche@email.msn.com>
- 17) The Better Part of Valor  
by Dick Dillman <ddillman@igc.apc.org>
- 18) Re: SOS code wheel  
by gwoods@albany.net (Gary Woods)
- 19) Re: SOS code wheel

- by Jeffrey Herman <jeffreyh@hawaii.edu>
- 20) Re: A Tribute to A Master Boatanchor - W5PYT Bob Hohertz  
by "Arden Allen" <aallen@sirius.com>
- 21) Re: Flexible insulant  
by Ken Gordon <keng@uidaho.edu>
- 22) Re: FS: 2 NOS Johnson Large 4 prong Tube Sockets  
by Ken Gordon <keng@uidaho.edu>
- 23) FS JOHNSON THUNDERBOLT  
by Dan Arney <kn6di@groupone.net>
- 24) CV4014, what is it ?  
by "Engbert Oord" <Engbert.Oord@jet.uk>
- 25) Re: CV4014, what is it ?  
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
- 26) 6146 in Gonset G-76  
by polepeeg@aa4rm.ba-watch.org (BA Marina Electrician)
- 27) WTB: B&W coils  
by "Steven K. Wenger" <swenger@csj.net>
- 28) Re: CV4014, what is it ?  
by Al Klase <skywaves@bw.webex.net>

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Date: Sun, 08 Mar 1998 17:22:54 -0500  
From: John Dilks <oldradio@worldnet.att.net>  
To: boatanchors@theporch.com  
Subject: Let's have more radio - less spam. & Hamfest report.  
Message-ID: <35031A3E.795F@worldnet.att.net>

To all,

Why do some continually repeat junk spam on this forum? No wonder Jack  
(and many of us) get mad. It's just downright s-t-u-p-i-d.

As for radio this weekend: I went to the SPARC Hamfest in Absecon,  
NJ, near Atlantic City. I saw many BAs for sale. The ones which  
followed me home were: some good old radio books, a Halicrafters S-38  
and a nice old RCA ribbon microphone from the late 30's.

--

73' John Dilks, K2TQN

Webmaster for the Antique Wireless Association  
<http://www.ggw.org/awa> Click on "Page 2"

--and==

for the New Jersey Antique Radio Club  
<http://www.eht.com/oldradio>

-----please-visit-----

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Date: Sun, 08 Mar 1998 16:40:50 -0600  
From: "William B. Ross" <billross@txdirect.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: A Tribute to A Master Boatanchor - W5PYT Bob Hohertz  
Message-ID: <35031E72.C5EC77A3@txdirect.net>

It is with heavy heart and fond memories that I learned on this net last evening of the passing of W5PYT, Robert "Ozona Bob" Hohertz of Ozona, Texas. Bob was not a member of this net but there was no more avid collector of boat anchors or proponent of tube based equipment than he. He was not a collector. He assembled the tremendous collection of receivers, test equipment and transmitters that he owned because he used them, every day. They were each and every one a friend about which he knew in intimate detail from the time it was first purchased until it came into his possession. Operating from what was once an Air Force base, his station occupied a one storied concrete block transmitter site now owned by a gas company for whom he worked for over forty years. >From this station he supercharged the ether on the 75 meter band with both his wit and wisdom on pure AM for most the past twenty that I know of.

I have visited Bob on many occasions because we shared a passion for the old gear we knew from our first days in amateur radio and he could expound for hours on the beauty and features of a particular receiver as well as the rotten design of another. He had a wall of receivers, ranging from Ameco and Morrow convertors to Hallicrafters, Racal, TMC, National and Collins; each and every one of which was fully operational and superbly aligned. One receiver that he does not have is a National NC300 which he gave to me one evening simply because I expressed a desire to own one. And his transmitters were legion, ranging from Tech Rad, a Johnston Killowatt and a BC610. The last I checked he had six 32V transmitters of various generations.

If any man was a radio institution, it can surely be said of Bob Hohertz. Although well into his 70s, his every memory was expertly cataloged, the subjects and facts indexed and cross referenced perfectly to be recalled instantly whenever required. He could remember dates of manufacture, model numbers, part numbers, specifications and shipping weights of a broad array of communications equipment and accessories and could recall the place, date and time almost to the minute that he had seen, acquired, or worked on one. And he knew that no matter how fine or large your transmitter, or how fine and sensitive your receiver, you could never be heard and you could never hear without a good antenna. So Bob had five acres of antennas, the surface upon which he had laid out and pinned down miles of #2 aluminum wire to serve as a ground screen above which he erected beams and wire designs of every possible

shape and configuration until he knew each and every one of its capabilities and weaknesses.

And he was generous. He never failed to offer a nights rest for a passing visiting fireman and you could not leave until he had taken you into the heart of Ozona for a chicken fried steak covered in cream gravy.

Ozona Bob will be missed by a multitude of people but we hams who value the old gear and the old ways sense a particularrly great disturbance in the Force with his passing. He was an institution of all the good things in BA land. After all, even his name meant High Frequency.

Bill Ross K5LLK

-----  
Date: Sun, 08 Mar 1998 22:59:22 +2400  
From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>  
To: boatanchors <boatanchors@theporch.com>  
Subject: abuse  
Message-ID: <199803082259.WAA22878@punt1.hw.ac.uk>

Did anyone READ all 17 pages? CHARGE 'em for doing so! Sauce for the goose...

I sent my copy back with a few words altered and told them I'd edited it to conform with Scottish Law. I wonder whether they are looking for the changes?

A neighbour sent his back with a page of Pidgin Latin. It'll cost 'em to get it translated.

Reminds me of what ONE Franz Schubert said, on receiving a copy of "Der Erlkonig" by THE Franz Schubert, in 1817:

"With the greatest astonishment I beg to state that this cantata was never composed by me. I shall retain same in my possession in order to learn, if possible, who sent you that kind of trash in such an impolite manner, and also to discover the fellow who has been misusuing my name."

(Source of story: "Musical Blunders" by Fritz Spiegl, (c) 1996, Robson Books. ISBN 1 86105 075 5. Buy a rubber undersheet first.)

Bill

GM8APX, qthr=No 6, EH4 6JY==No Rectangulars=Cave Felem==Ikke Hawkering

Hennus non potest de aliquid superficere mentem

Net-Tamer V 1.10 - Registered

-----  
Date: Sun, 8 Mar 1998 17:17:12 -0600 (CST)  
From: listtown@jackatak.theporch.com (List Admin/Owner Radio Mail Lists)  
To: boatanchors@sco.theporch.com  
Subject: ADMIN: Please Help me out here....  
Message-ID: <199803082317.RAA28878@jackatak.theporch.com>

Hello Gang-

Geez, you can \*NOT\* imagine how much I hate to blow a prefectly good Sunday Afternoon away by having to write this....

Someone out there has a SPAM filter running that is GROSSLY misconfigured... it is SPAMming your friends on the boatanchors list and creating some serious confusion for me and several other well-meaning folks who have been attacked by this rather incidious program...

Whomever among you has a SPAM filter running, please drop me an email

listtown@jackatak.theporch.com

and tell me a little about it...

POSITIVELY \*NO\* RECRIMINATIONS, and no hassles (from me) just an offer of help, and potentially a reduction in the heartburn and headaches for this tired old List Manager....

BTW, the \*offending\* SPAM filter is designed to behave \*exactly\* like the very SPAM it is designed to protect against, including munging the mail headers to appear to be coming from someplace other than it really does -- I can not positively ID who has the run-away filter, so I need everyone's help...

And, I need everyone's forebearance until we settle this...

Please, if you get an anti-SPAM post that is longer than a Ronald Regan Nap, just "delete" it.... you can forward it to me, with \*COMPLETE\* headers if that would make you feel better, but without the full headers, I can NOT help much, until the person who unleashed Cujo, the SPAM eater, on BoatAnchors List Posters contacts me, and we get things back under control.

BTW, I have already written the authors of this most incredibly offensive piece of garbage, and asked for some help... None forthcoming, yet...

Remember, Gang... the BA list has a well-deserved reputation for politeness and pleasant behavior, and I need your help to keep it that way.

Let me know how I can help, and let me know if you are using one of these monsters... I promise to help....

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -  
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

-----  
Date: Sun, 08 Mar 1998 19:20:13 -0400  
From: laffitte@prtc.net (laffitte)  
To: boatanchors@theporch.com  
Subject: R390A HR202  
Message-ID: <350327A7.F13E896B@prtc.net>

Hi Gang:

I must confess that I did it! Yeah, I finally removed the heating wire from the HR202 crystal oven in my Stewart Warner R390A. You could almost cook an egg over it! With an average annual temp of 85 degrees I don't need the oven cooking the two crystals inside. The procedure was simple enough. I removed the cover from HR202 and there below a yellow tape was the wire. Removing a bit of tape from the top exposed the wire which easily unwound. The ends were cut up to the insulation, a piece of electrical tape was wound where the old coil was and the two insulated tips were gently placed over the taped and taped over. The job came out neat and clean and now the oven is really COOL.

Best 73s  
Guido KP4FAR  
BA collector in the tropics

-----  
Date: Mon, 09 Mar 1998 10:23:38 +1100  
From: Dean Davidson <ddavidso@metz.une.edu.au>  
To: <boatanchors@theporch.com>  
Subject: Article by Morris Odell  
Message-ID: <3.0.5.32.19980309102338.00826ba0@metz.une.edu.au>

For those of you in VK, and/or members of the Wireless Institute of Australia, in this months magazine "Amateur Radio" there is a good article by one of our list members - Morris Odell.

He give details of a SS SSB adaptor he has designed. Its use is particularly for the Racal RA17, but it could be used on other RXs such as the 390 series.

Congratulations Morris!  
Very good article

Dean

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Date: Sun, 8 Mar 1998 18:23:24 -0500  
From: "Thomas A. Adams" <103360.2133@compuserve.com>  
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>  
Subject: Re. A query  
Message-ID: <199803081824\_MC2-35F8-CA7B@compuserve.com>

Hello Jack.

Yeah, I just got a message from that bunch.

The reply I sent to 'em will peel the oxide coating off of thier stinkin' hard disk platters.

If I hear from 'em again, I intend to fight fire with fire; I STILL have SPAMHATER on my hard disk!

Tom, W9LBB

(Peace thru superior firepower)

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Date: Sun, 08 Mar 1998 15:41:58 -0800  
From: Ralph Parker <rparker@istar.ca>  
To: boatanchors@theporch.com  
Subject: ART-13  
Message-ID: <3.0.5.16.19980308154158.23b74168@istar.ca>

Hi Gang: So Tom, N7TM snagged the ART-13 at Puyallup before I got to it. I hope to hear it on the air one day.  
Anyone in the Pacific Northwest have one for sale?  
73, Ralph, VE7XF

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Date: Sun, 08 Mar 1998 15:42:12 -0800  
From: Ralph Parker <rparker@istar.ca>  
To: boatanchors@theporch.com  
Subject: Spam  
Message-ID: <3.0.5.16.19980308154212.23b74fa8@istar.ca>

Hi Gang: I got 5 dunning messages from <dorje@mint.net> after posting 2 items to this list. A few pages about illegal junk mail, etc. I ignored the first batch, thinking it was an anomaly. After the second batch, I sent a reply claiming innocence, and used 'a four letter word inviting him to go away' on the subject line. No further response from him. I was going to ask Jack about it, but it seems to have stopped.  
None of the private e-mail that I send gets any non-solicited response. Let's see what happens after this one.  
73, Ralph, VE7XF

-----  
Date: Sun, 8 Mar 1998 18:45:28 EST  
From: Jderm740 <Jderm740@aol.com>  
To: b.h.jarvis@hw.ac.uk  
Cc: boatanchors@theporch.com  
Subject: Stents  
Message-ID: <a20855e9.35032d9a@aol.com>

Bill  
the stents are dirt cheap. But the service call, HOO-WEE. Or as your "landsman" would say: Aye, there's the rub.



Jack

-----  
Date: Sun, 08 Mar 1998 17:54:01 -0600  
From: "Benjamin D. Hall" <kd5byb@WT.NET>  
To: BoatAnchors@SCO.ThePorch.Com  
Subject: RBL-3  
Message-ID: <3.0.32.19980308175358.006ca754@mail.wt.net>

Greetings everyone...

Once again, life and the RBL-3 continue to give me quite an education... The subject of my recent labor is a 1943 Wells-Gardner RBL-3. RBL-3's receive 15 kc thru 600 kc, great for listening for those LowFer beacons, air-nav NDB's, and for listening to the ball game on those low-AMBC stations, like 540 here in Houston.

One of the nice things about the RBL-3 is that it uses a lot of oil-filled metal can caps, which have all so far tested good. In it's life, it appears that only a few non-oil capacitors have been changed, most notably the low pF value coupling caps that usually don't fail. (at least when they really are silver-micas, and not the evul Micamold "looks like mica but is paper!" caps)

Of particular interest was the limiter and audio sections. When I first powered the set up, the audio was fairly weak, and I thought that this was due to my substandard loop antenna. So, I built a solid state pre-amp, and things got better, but not to my liking. Sniffing around the audio stages with the DMM showed that the caps were fine - out of circuit testing with the cap checker confirmed this. However, the DMM did find four resistors around the limiter that were about 14% high - which didn't grab my attention initially as the parts listing noted that there were 10% tolerance units. But, as my prodding progressed, I decided to change out the units. So, I went to the parts bin, and happened to have about 1/2 of the resistors I needed on hand, so I pulled the junker Jetronic "parts donor" scope out of the closet, and "harvested" the resistors I needed. Well, I needed 2 100k ohm resistors, so I harvested 3. Guess what - two were OPEN. Yep, open. Okay, I've seen resistors drift high before, but never that high! Gosh. I then proceded to pull about 10 other resistors out of this junker Jetronic scope - not a single resistor (with the exception of the low-tolerance units) was within 20%. Wow. Now I know why these Jetronic scopes have such a reputation - they used such poor quality parts! So, I then dug deeper into the closet and pulled out my "parts donor" Tek 535A. I harvested the two resistors I needed, and both were within 1% of marked value. Now I know why Tek scopes keep on ticking - quality parts...

Now it is time for my education into the evil world of MFP. Gosh is that stuff yucky, and doesn't smell good when it burns... About 15 minutes later, the set was up and running, and the audio is nice and loud...

73 y'all,

Ben

---

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.

Located in Houston, Texas, USA.

e-mail: kd5byb@WT.net, web: \*\*\*down for refurbishment\*\*\*

"An ye harm none, do what ye will."

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Date: Sun, 8 Mar 1998 16:15:24 -0800

From: "Arthur Moe" <KB7WW@SignalONE.com>

To: "Boatanchors" <boatanchors@theporch.com>

Subject: Help MILLEN info

Message-ID: <01bd4af0\$745b7840\$c45dfbce@arthur-moe>

A while ago someone posted the name and phone number for contacting the old Millen Mfg. co., anyone have the info? After this weekends swap at Puyallup I am in need of a coil for a 90652 GDO and a book also. If someone on the list might help I would like to here from them also.

Thanks

art

KB7WW@SignalONE.com

OK, So what's the speed of dark??????

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Date: Mon, 09 Mar 1998 00:17:57 +2400

From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>

To: boatanchors <boatanchors@theporch.com>

Subject: Flexible insulant

Message-ID: <199803090017.AAA22965@punt1.hw.ac.uk>

Seeking a good convenient flexible substance with good DC and RF insulating and dielectric properties, I've tried potting circuits etc in Bison Marathon Shoe Repair Paste. It sets firm but flexible (like the sole of a shoe?) with a milky white appearance like when you have emptied a glass of buttermilk .... and the aroma! Wheee!

Bill

GM8APX, qthr=No 6, EH4 6JY==No Rectangulars=Cave Felem==Ikke Hawkering

Laudator temporis acti: 'Me puero...'

Net-Tamer V 1.10 - Registered

-----  
Date: Sun, 08 Mar 1998 18:16:06 -0600  
From: Tom Norris <badger@telalink.net>  
To: (Recipient list suppressed)  
Subject: SRR-11 progress and help wanted  
Message-ID: <3.0.5.32.19980308181606.00859b50@mail1.telalink.net>

So far have gotten my SRR-11 project receiver "almost up and running"

Initially it was pretty dumb on all bands and dead on bands 1 and 4. Turns out bands 1 and 4 use the 1st IF module to convert their 60KC output to 200 KC the second IF handles, and the other bands just pass through. I completely took apart the 1st IF module ( I had a whole day to kill yesterday ) and replaced pretty much all the components, and replaced the bad switches. The wiring is now nice shiny white teflon. Well, that seems to have made it work SORTA. The main thing it accomplished was make the module look pretty with its new wiring and components. :-)  
The rx is rock sensitive ( 1000 microvolts ) on those 2 bands now rather than being totally dead. Looks like the output transformer T-703 is sick. I have continuity in the windings, but it does not actually tune when I turn its screw. The plate trimmer cap has no effect either. I replaced the circuit per the schematic and have gone over the module a half dozen times and find nothing amiss - everything is going where the schematic says it should.

Anyone got a spare 1st IF module or an output transformer for same?  
I have loaned my SRR-13 manual out so cant say whether any of the transformers in its innerds will work -- this transformer is the plate output for the mixer as well as the plate transformer for the 1st IF output. Not an ordinary IF can to say the least....

Part 2 -- I have a mini thunderstorm going on on one of the bands ( band 3 )

Traced the noise to the first RF stage - looks like I will be hunting bad  
micas  
on the bandswitch next....

I'm glad I actually ENJOY this. :-)

73

Tom

-----  
Please visit The Mil List for info on military communications gear:

[HTTP://www.telalink.net/~badger/millist/mi.html](http://www.telalink.net/~badger/millist/mi.html)

This is a non-comercial endeavor strictly for providing  
info for those who have a need for it - and intertainment  
for those who dont....

ANY and ALL Contributions Welcome.

\*\*\*\*\*

Tom Norris KA4RKT

badger@telalink.net                      Nashville, Tennessee, USA

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Date: Sun, 8 Mar 1998 18:37:08 -0500  
From: Paul Nelson <drhydro@ames.net>  
To: boatanchors@theporch.com  
Subject: Re: SOS code wheel  
Message-ID: <v03010d07b128db16621d@[206.26.104.98]>

>Just curious - does it send ... \_\_\_ ... or the more  
>correct ...\_\_\_... (no spaces)?  
>  
>Jeff KH2PZ

The more correct version, Jeff, no spaces.

(And to the list...)

BTW, does anyone on the list know about the setting on the Gibson Girl that  
sends a string of the letter "A"? Sends "AA AA AA AA AA AA" etcetera, then  
a long dash for DF purposes. But why AA?

Paul Nelson W5GNF

"When I go, I want to go quietly, in my

Ames, Iowa

(DrHydro@ames.net)

Cessna 140 N77149

sleep, like my grandfather- not  
screaming, like his passengers."

"More hay, Trigger?"

"No thanks, Roy, I'm stuffed."

-----  
Date: Sun, 8 Mar 1998 18:35:49 -0600  
From: "Allan D. Fritsche" <fritsche@email.msn.com>  
To: <boatanchors@theporch.com>  
Subject: Someone needed a HP-23 Cover  
Message-ID: <05ebc0636000938UPIMSSMTPUSR02@email.msn.com>

Hello Gang, was cleaning up the garage and ran across a HP23 cover..  
I vaguely recall that someone on the list needed one...  
let me know..  
Al  
kd5cm1  
fritsche@classic.msn.com

-----  
Date: Sun, 8 Mar 1998 10:42:26 -0800 (PST)  
From: Dick Dillman <ddillman@igc.apc.org>  
To: boatanchors@theporch.com  
Subject: The Better Part of Valor  
Message-ID: <2.2.16.19980308104036.3ff75598@pop.igc.org>

For those who may be awaiting a report on the proposed dry cleaning of the  
canvass case for the BC-611... I chickened out. My dry cleaning consultant  
was highly skeptical about the project and I figured I'd rather have the  
case in intact condition with honorable dirt and stains rather than risk  
damaging it.

Regards,

Dick

Dick Dillman

<ddillman@igc.apc.org>  
WPE2VT W6AWO  
Collector Of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

-----  
Date: Mon, 09 Mar 1998 01:06:17 GMT  
From: gwoods@albany.net (Gary Woods)  
To: drhydro@ames.net, boatanchors@theporch.com  
Subject: Re: SOS code wheel  
Message-ID: <35353fe9.343243180@mail.albany.net>

On Sun, 8 Mar 1998 18:37:08 -0500, you wrote:

>BTW, does anyone on the list know about the setting on the Gibson Girl that  
>sends a string of the letter "A"? Sends "AA AA AA AA AA AA" etcetera, then  
>a long dash for DF purposes. But why AA?

I believe that is (was) the "auto alarm" signal. It would set off an automatic device on merchant craft... one bell in the radio officer's cabin, and one in the skipper's (so you know it got acknowledged quickly!).

I recall auto alarm as a series of long dashes, though. The Navy actually trained me on the Gibson Girl and ART-13 (in 1960).

--  
Gary Woods 0- K2AHC Public key at www.albany.net/~gwoods, or get 0x1D64A93D via  
keyserver  
gwoods@albany.net gwoods@wr gb.com  
fingerprint = E2 6F 50 93 7B C7 F3 CA 1F 8B 3C C0 B0 28 68 0B

-----  
Date: Sun, 8 Mar 1998 15:31:05 -1000  
From: Jeffrey Herman <jeffreyh@hawaii.edu>  
To: Gary Woods <gwoods@albany.net>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: SOS code wheel  
Message-ID: <Pine.GS0.3.95q.980308152045.422B-100000@uhunix5>

On Sun, 8 Mar 1998, Gary Woods wrote:  
> On Sun, 8 Mar 1998 18:37:08 -0500, you wrote:

> >BTW, does anyone on the list know about the setting on the Gibson Girl that  
> >sends a string of the letter "A"? Sends "AA AA AA AA AA AA" etcetera, then  
> >a long dash for DF purposes. But why AA?

> I believe that is (was) the "auto alarm" signal. It would set off an  
> automatic device on merchant craft... one bell in the radio officer's  
> cabin, and one in the skipper's (so you know it got acknowledged  
> quickly!).

The Auto-Alarm Signal consisted of 12 dashes, each 4 seconds in length,  
with one-second spacing between dashes, sent in A2, on 500 kc.  
Auto-Alarm receivers on ships within radio range of the transmitting  
ship, upon hearing just four correctly-timed dashes would clamp shut  
relays thus sounding bells on the bridge and in the radioman's state  
room to wake him up.

Scary to hear one, and just as scary to send one!

Jeff KH2PZ / KH6 (who had to send one on 500 kc a long time ago!)

P.S. The "AA" (. \_ .\_) that his Gibson Girl is sending is in no way  
connected to the Auto-Alarm signal. It's gotta mean something else.

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Date: Sun, 8 Mar 1998 18:22:20 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: A Tribute to A Master Boatanchor - W5PYT Bob Hohertz  
Message-ID: <199803090220.SAA23623@mail1.sirius.com>

On a few occasions, when conditions were favorable, I would hear Ozana Bob  
on my crummy

antenna well enough to follow his long, richly detailed stories about  
radio gear which, to me at first, just evoked vague memories of leafing  
through the catalog pages of my first Radio Amateur's Handbook (1956). It  
was Bob who convinced me that there really are people who are devoted to  
the art of radio in the true meaning of the word "art". He convinced me to  
look back and see what a rich heritage ham radio has that most hams  
nowadays never bother to learn about.

Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

-----  
Date: Sun, 8 Mar 1998 18:41:17 -0800 (PST)

From: Ken Gordon <keng@uidaho.edu>  
To: Bill Jarvis <B.H.Jarvis@hw.ac.uk>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Flexible insulant  
Message-ID: <Pine.BSF.3.95.980308184031.27013A-100000@piobaire.mines.uidaho.edu>

> Seeking a good convenient flexible substance with good DC and RF  
> insulating and dielectric properties, I've tried potting circuits etc in  
> Bison Marathon Shoe Repair Paste. It sets firm but flexible (like the  
> sole of a shoe?) with a milky white appearance like when you have  
> emptied a glass of buttermilk .... and the aroma! Wheee!

Over here we have something similar called, "Shoe Goo". Has anyone tried it?

Ken W7EKB

-----  
Date: Sun, 8 Mar 1998 18:44:15 -0800 (PST)  
From: Ken Gordon <keng@uidaho.edu>  
To: Steve Wenger <swenger@csj.net>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: FS: 2 NOS Johnson Large 4 prong Tube Sockets  
Message-ID: <Pine.BSF.3.95.980308184143.27013B-100000@piobaire.mines.uidaho.edu>

On Sun, 8 Mar 1998, Steve Wenger wrote:

> As a point of clarification, I believe the above socket is for tubes such  
> as the 810 and will not fit the 304TL/TH.

This is so. The sockets offered for sale will NOT fit the 304TL/TH. The 304TL/TH socket is a Johnson 124-213 and ONLY fits the 304TL/TH.

Ken W7EKB (See below)

> On Sun, 8 Mar 1998, Mark Hovda wrote:  
>  
> > I have 2 new in the box Johnson ceramic 4 prong bayonet tube sockets for  
> > large tubes, such as 304TH/TL etc. The Johnson part number is  
> > 123-0211-100. The price is \$30, shipping to US included. First to  
> > reply gets them.

-----



Date: Sun, 08 Mar 1998 19:52:02 -0800  
From: Dan Arney <kn6di@groupone.net>  
To: boatanchors@theporch.com  
Subject: FS JOHNSON THUNDERBOLT  
Message-ID: <35036762.57028A5A@groupone.net>

The unit on the exterior is at least a 8 1/2 to a 9 or better!! depends on who is grading. The inside is clean with all tubes and a copy of the manual. This is a Chrome chassis model. I have done some cleaning on it and will clean up pretty good. There are some rust spots on the chassis primarily undeer and around the Vari caps and tank circuit..I will furnish some close up pictures to persons that have a true interest in the unit \$10.00 deposit for the pictures and credit if purchased. Please no looky loos..

If not sold at TRW in March or Livermore The price professionally packed/shipped and insured in the lower 48 is \$825.00 FIRM CERTIFIED FUNDS. \$650.00 at TRW or Livermore. The unpacked unit is 120 pounds so it will be about 150# packed in 2 boxes plus the tubes in foam-in-place. I picked up another unit that is a 9 1/2 to 9 3/4 with original manual is reason for selling.

Thanks,  
Hank KN6DI

-----  
Date: Mon, 9 Mar 1998 08:52:59 +0000  
From: "Engbert Oord" <Engbert.Oord@jet.uk>  
To: boatanchors@theporch.com  
Subject: CV4014, what is it ?  
Message-ID: <9803090852.AA11209@jet.uk>

Good day

Yesterday I bought at a Hamfest a number of NOS CV4014's very cheaply. They were advertised as close equivalents to EF91's. The question is : What precisely are these tubes and how close are they to EF91's.

Thanks

-----  
Date: Mon, 09 Mar 1998 10:24:04 +2400  
From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>  
To: "Engbert.Oord" <Engbert.Oord@jet.uk>

Cc: boatanchors <boatanchors@theporch.com>  
Subject: Re: CV4014, what is it ?  
Message-ID: <199803091024.KAA24844@punt1.hw.ac.uk>

On 1998-03-09 Engbert.Oord@jet.uk said:

En>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN  
En>Status:  
En>Good day  
En>Yesterday I bought at a Hamfest a number of NOS CV4014's very  
En>cheaply. They were advertised as close equivalents to EF91's. The  
En>question is : What precisely are these tubes and how close are they  
En>to EF91's.  
En>Thanks

The '61 Babani Equivalens book says: CV4014 = 5670,  
5670 = 6CC42.

Arnold Partners Radio Valve Guide Book 4 (1956 - 1960) says:

6V3, a35 (I mean 0.35 A), Va 150, 8 mA, Vg -2, Ra 9k5, 5.25 mA/V, Rk  
240R, B9A, Czech, pins (in order) h, k1, g1, a1, scr, a2,  
g2, k2, h.

In other words, awfu' like an ECC something, not an EF wossit at all.

Bet you could cascade the triodes, though, and fake something much  
better than a pentode!

Bill

GM8APX, qthr=No 6, EH4 6JY==No Rectangulars=Cave Felem==Ikke Hawkering

Naturam expellas furca, tamen usque recurret

Net-Tamer V 1.10 - Registered

-----

Date: Mon, 9 Mar 1998 06:20:05 -0500  
From: polepeeeg@aaa4rm.ba-watch.org (BA Marina Electrician)  
To: boatanchors@theporch.com  
Subject: 6146 in Gonset G-76  
Message-ID: <199803091120.GAA01089@aaa4rm.ba-watch.org>

Anyone ever see this?

How 'bout a 8336 'Swan tube' for the 6DQ6?

I've about brought a wrecked G76 back & wondered about such 'improvements.'

Tks,

Marty

-----  
Date: Mon, 09 Mar 98 07:45:51 PST  
From: "Steven K. Wenger" <swenger@csj.net>  
To: "Boatanchors" <boatanchors@theporch.com>  
Subject: WTB: B&W coils  
Message-ID: <MAPI.Id.0016.0077656e676572203030303730303037@MAPI.to.RFC822>

Greetings,

I am looking for the TVL 160M, 80M, and 40M coils made by B&W. I have other B&W coils to trade or will purchase outright.

73,  
Steve Wenger KA9QLF  
Jacksonville, Illinois  
(217) 243-3920  
AMI 416

-----  
Date: Mon, 09 Mar 1998 08:49:02 -0500  
From: Al Klase <skywaves@bw.webex.net>  
To: B.H.Jarvis@hw.ac.uk  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: CV4014, what is it ?  
Message-ID: <3503F34E.6AC79A50@bw.webex.net>

To continue Bill's path:

Per "Tube Lore": 5670 ruggedized 2C51, Heater raised to 350 ma.

2C51 (Western Electric 396A) VHF medium-mu  
REMOTE-CUTOFF duotriode,  
introduced 1946  
usable to 800MHz, Variants: 6570, 6185, 6385, 6386,  
7861

Regards,  
Al

Bill Jarvis wrote:

>  
> On 1998-03-09 Engbert.Oord@jet.uk said:  
> En>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN  
> En>Status:  
> En>Good day  
> En>Yesterday I bought at a Hamfest a number of NOS CV4014's very  
> En>cheaply. They were advertised as close equivalents to EF91's. The  
> En>question is : What precisely are these tubes and how close are they  
> En>to EF91's.  
> En>Thanks  
>  
> The '61 Babani Equivalens book says: CV4014 = 5670,  
>  
> 5670 = 6CC42.  
>  
> Arnold Partners Radio Valve Guide Book 4 (1956 - 1960) says:  
>  
> 6V3, a35 (I mean 0.35 A), Va 150, 8 mA, Vg -2, Ra 9k5, 5.25 mA/V, Rk  
> 240R, B9A, Czech, pins (in order) h, k1, g1, a1, scr, a2,  
> g2, k2, h.  
>  
> In other words, awfu' like an ECC something, not an EF wossit at all.  
>  
> Bet you could cascade the triodes, though, and fake something much  
> better than a pentode!  
>  
> Bill  
> GM8APX, qthr=No 6, EH4 6JY==No Rectangulars=Cave Felem==Ikke Hawkering  
>  
> Naturam expellas furca, tamen usque recurret  
>  
> Net-Tamer V 1.10 - Registered

--  
Al Klase - N3FRQ  
skywaves@bw.webex.net  
Flemington, NJ 08822  
Web Page: <http://www.webex.net/~skywaves/home.htm>

-----  
End of BOATANCHORS Digest 1960

\*\*\*\*\*

>From ???@??? Tue Mar 10 06:42:25 1998  
Message-Id: <199803100347.VAA23621@sco.theporch.com>  
Date: Mon, 9 Mar 1998 21:47:02 CST  
Subject: BOATANCHORS digest 1961

BOATANCHORS Digest 1961

Topics covered in this issue include:

- 1) Value of 32V?  
by afpgreg@state.me.us (Paul V. Gregory)
- 2) Globe King 500 neutralizing  
by Laird Tom N <LairdTomN@JDCORP.deere.com>
- 3) Re: Antique Light Bulbs  
by John Shriver <jas@shiva.com>
- 4) Re: Old literature - tube books -give away  
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 5) Cave City Fest/Drake pedigree?  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 6) Trade '77 ARRL Handbook  
by Tom Taylor <ttaylor@Adobe.COM>
- 7) FW: A Tribute to a Master Boatanchor - W5PYT Bob Hohertz (SK)  
by Michael Crestohl <mc@shore.net>
- 8) Re: Antique Light Bulbs  
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
- 9) ADMINISTRIVIA: No More Reposts  
by listown@jackatak.theporch.com (Mail List Owner)
- 10) NEED HEATH HFO XTAL  
by "Ed Santavicca" <santavic@ct.picker.com>
- 11) Re:AA Code wheel  
by FRANKK6NL <FRANKK6NL@aol.com>
- 12) Re: AA Code wheel  
by Al Klase <skywaves@bw.webex.net>
- 13) Help ID Raytel IF cans...?  
by Dexter Francis <cwest@xmission.com>
- 14) Charlotte Hamfest  
by "David L. Thompson" <thompson@mindspring.com>
- 15) Re: AA Code wheel  
by Al Klase <skywaves@bw.webex.net> (by way of Andre Guibert  
<aguibert@sympatico.ca>)
- 16) Speakers/Caps  
by ARONGV <ARONGV@aol.com>
- 17) puyallup, wa hamfest  
by Terry Burge <terrybu@netman.ENS.TEK.COM>
- 18) LOW RADIATION RECEIVERS  
by JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 19) test

by "Arden Allen" <aallen@sirius.com>  
20) 70V Line Transformer  
by aa1hb@juno.com (Charles M Cheney)  
21) A head scratcher..  
by "Herbert M. Rosenthal" <herbrose@lobo.net>  
22) Re: LOW RADIATION RECEIVERS  
by "Arden Allen" <aallen@sirius.com>  
23) ECO's  
by Paul Monroe <pmonroe@jadebbs.com>  
24) Still looking: SRR-11 parts and pieces  
by Tom Norris <badger@telalink.net>  
25) Re: LOW RADIATION RECEIVERS  
by berg stephen erik <z931086@corn.cso.niu.edu>  
26) Knob Hunt  
by gcr2@po.CWRU.Edu (George C. Rybicki)  
27) FS: KWS-1  
by K1HC <K1HC@aol.com>

-----  
Date: Mon, 9 Mar 1998 09:33:33 -0500 (EST)  
From: afpgreg@state.me.us (Paul V. Gregory)  
To: COLLINS@LISTSERV.TEMPE.GOV  
Cc: boatanchors@theporch.com  
Subject: Value of 32V?  
Message-ID: <199803091433.JAA18836@gatekeeper.ddp.state.me.us>

Ahoy,

I'm interested in polling some opinions.

What a 32V worth? I came across one this weekend which was cosmetically in very nice condition, but had been modified to some degree-I think in the audio stage. I had no opportunity to fire it up, but visually the mod's--several capacitors--seemed nicely done at first glance with maybe one or two no holes small drilled in the aluminum shield abutting the PA. The seller "misplaced" the manual which he said showed the mods in the schematics, but that he was certain he could find it. The chap who modified the tx is a SK, so I feels the docs are crucial.

I know zero about 32Vs, so I'm wondering what to offer. Please contact me directly with your views, warnings and thoughts about such a tx's \$\$\$ value either with or without the documented manual.

Mny tnx de N1ZRR, Paul

-----  
Date: Mon, 9 Mar 1998 09:00:54 -0600  
From: Laird Tom N <LairdTomN@JDCORP.deere.com>  
To: "'BA'" <boatanchors@theporch.com>

Subject: Globe King 500 neutralizing

Message-ID: <0958DD57326BD011813300805FBE98DA02D72ADC@e90corp2.dx.deere.com>

The plate current dip does not correspond to max power out sooooo....  
I need to neutralize my 4-400 final(straight GK 500 model-orgionally  
4-250). I can't find  
any neutralizing cap for adjustment? What am I missing here? Is there a  
fixed cap I  
need to change?

Tom Laird WC9M Moline, IL  
TL39597@deere.com

-----  
Date: Mon, 9 Mar 1998 10:34:47 -0500

From: John Shriver <jas@shiva.com>

To: jshillw6ivw@earthlink.net

Cc: boatanchors@theporch.com

Subject: Re: Antique Light Bulbs

Message-ID: <199803091534.KAA01913@brill.shiva.com>

Well, I don't know of any books on light bulb collecting. But I have  
my own stash of carbon filament bulbs.

Carbon filaments bulbs are very long lived. The Western Electric  
switchboard lamps were available in carbon filament and tungsten  
filament. The carbon-filament ones are 10 to 50 times longer-lived.

There's a cost, however. Carbon filament bulbs are incredibly  
inefficient light sources. A 16 candlepower one draws 60 watts, and  
puts out less light than a 15 watt tungsten. (But it sure puts out  
the HEAT of a 60 watt bulb.) Then there are the 8 candlepower ones!

Reproduction Edison-base carbon filament bulbs are available in at  
least three different sizes. About \$12 each. They have the teat on  
the tip, but it's only for show, they are really evacuated through a  
tube in the stem.

Just the thing to light your shack with when running the  
self-rectifying 810 transmitter from the early ARRL handbooks. (Well,  
actually, by 1924, non-coiled tungsten filament bulbs where what was  
current. Of course, probably the carbon filament ones were relegated  
to the shack!)

By the way, before I was collecting light bulbs, I saw a book from MIT  
press on the business of the light bulb industry at a used book  
store. Anyone ever see it, or have it?

-----  
Date: Mon, 9 Mar 1998 16:35:46 +0100  
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: Old litterature - tube books -give away  
Message-ID: <199803091537.QAA11716@inet.uni2.dk>

I have still these books to give away for postage :

Philips Pocket book :Electronic tubes Ca 1950

Siemens . Tubes for broadcast and TV 1958/9

Mullard : Reference manual of transistor circuits . 1961

TrioTron : Electronic Valve pocketbook ( 1950s )

73 Rag OZ8R0

-----

Date: 09 Mar 1998 10:06:54 -0600  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
To: boatanchors@sco.theporch.com  
Subject: Cave City Fest/Drake pedigree?  
Message-ID: <1998Mar09.100655-0600@spike.vuse.vanderbilt.edu>

Brief report on the Cave City KY hamfest:

Only a few BA folks (I wore my BA hat to troll, but no bites...).

Only a few BAs:

HQ-100 w/speaker, 5 or so (corrosion), \$130, did not sell.

Lafayette rx (unknown type, slide rule dial), \$100, did not sell.

HQ-129X, 7 or so (faceplate wear, incorrect knobs), \$129, did not sell.

Hallicrafters 5R10 (S-38 wannabe), 8+, asked \$65, got \$50.

Drake R-4, 8+, asked \$100, got \$85.

That was about it.

The last item (which I carried home) is a very fine radio, but the development of that line is unclear to me. The Moore book appears to have some confusion regarding the specification of the R4 line, in that the tube list for the R4 is incorrect and the tube list for the R4A applies to the R4. Is there a source that details the evolution



of this line? Just curious.

73            A. B. Bonds

-----  
Date: Mon, 9 Mar 1998 08:24:54 -0800  
From: Tom Taylor <ttaylor@Adobe.COM>  
To: boatanchors@theporch.com  
Subject: Trade '77 ARRL Handbook  
Message-ID: <v03007801b129c62ba991@[144.7.25.26]>

I have a duplicate 1977 ARRL softcover Handbook that I'd like to trade for a year  
I don't have. The pages of '77 book are somewhat yellowed and the cover shows signs of wear, but no tear. No pages are loose.

I'm interested in trading for a book (in similar condition) from one of these years:  
61, 62, 65, 71, 74, or 86-90.

Tom, N7TM

Tom Taylor  
ttaylor@adobe.com

-----  
Date: Mon, 9 Mar 1998 11:26:35 -0500 (EST)  
From: Michael Crestohl <mc@shore.net>  
To: boatanchors@theporch.com  
Subject: FW: A Tribute to a Master Boatanchor - W5PYT Bob Hohertz (SK)  
Message-ID: <199803091626.LAA22691@northshore.shore.net>

-----  
From: William B. Ross[SMTP:billross@txdirect.net]  
Sent: Sunday, March 08, 1998 5:41 PM  
To: Old Tube Radios  
Subject: A Tribute to A Master Boatanchor - W5PYT Bob Hohertz

It is with heavy heart and fond memories that I learned on this net last evening of the passing of W5PYT, Robert "Ozona Bob" Hohertz of Ozona, Texas. Bob was not a member of this net but there was no more avid

collector of boat anchors or proponent of tube based equipment than he. He was not a collector. He assembled the tremendous collection of receivers, test equipment and transmitters that he owned because he used them, every day. They were each and every one a friend about which he knew in intimate detail from the time it was first purchased until it came into his possession. Operating from what was once an Air Force base, his station occupied a one storied concrete block transmitter site now owned by a gas company for whom he worked for over forty years. >From this station he supercharged the ether on the 75 meter band with both his wit and wisdom on pure AM for most the past twenty that I know of.

I have visited Bob on many occasions because we shared a passion for the old gear we knew from our first days in amateur radio and he could expound for hours on the beauty and features of a particular receiver as well as the rotten design of another. He had a wall of receivers, ranging from Ameco and Morrow convertors to Hallicrafters, Racal, TMC, National and Collins; each and every one of which was fully operational and superbly aligned. One receiver that he does not have is a National NC300 which he gave to me one evening simply because I expressed a desire to own one. And his transmitters were legion, ranging from Tech Rad, a Johnston Killowatt and a BC610. The last I checked he had six 32V transmitters of various generations.

If any man was a radio institution, it can surely be said of Bob Horhertz. Although well into his 70s, his every memory was expertly cataloged, the subjects and facts indexed and cross referenced perfectly to be recalled instantly whenever required. He could remember dates of manufacture, model numbers, part numbers, specifications and shipping weights of a broad array of communications equipment and assessories and could recall the place, date and time almost to the minute that he had seen, acquired, or worked on one. And he knew that no matter how fine or large your transmitter, or how fine and sensitive your receiver, you could never be heard and you could never hear without a good antenna. So Bob had five acres of antennas, the surface upon which he had laid out and pinned down miles of #2 aluminum wire to serve as a ground screen above which he erected beams and wire designs of every possible shape and configuration until he knew each and every one of its capabilities and weaknesses.

And he was generous. He never failed to offer a nights rest for a passing visiting fireman and you could not leave until he had taken you into the heart of Ozona for a chicken fried steak covered in cream gravy.

Ozona Bob will be missed by a multitude of people but we hams who value the old gear and the old ways sense a particularly great disturbance in the Force with his passing. He was an institution of all

the good things in BA land. After all, even his name meant High Frequency.

Bill Ross K5LLK

-----  
Date: Mon, 09 Mar 1998 16:40:57 +2400  
From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>  
To: jas <jas@shiva.com>  
Cc: boatanchors <boatanchors@theporch.com>  
Subject: Re: Antique Light Bulbs  
Message-ID: <199803091640.QAA01942@punt1.hw.ac.uk>

My uncle charged car batteries using batteries - I mean clumps - o carbon filament bulbs and the DC mains.

More recently we were able to buy them from Science Teaching Apparatus suppliers, for use as easily recognisable self-illuminated "objects" in optics experiments.

Maybe Cox Radio or Billington Valves still have them?

(U.K. that is.)

Bill  
GM8APX, qthr=No 6, EH4 6JY==No Rectangulars=Cave Felem==Ikke Hawkering

Naturam expellas furca, tamen usque recurret

Net-Tamer V 1.10 - Registered

-----  
Date: Mon, 9 Mar 98 11:15:00 CST  
From: listown@jackatak.theporch.com (Mail List Owner)  
To: boatanchors@sco.theporch.com  
Subject: ADMINISTRIVIA: No More Reposts  
Message-ID: <199803091715.LAA04392@jackatak.theporch.com>

Gang-

This is a reminder that reposting of For Sale or Wanted items from other lists is discouraged.... nay prohibited on the BoatAnchors list.

If a BA list member wants to post the item elsewhere and on the BA list, that should create NO problem.

The problem comes when the poster in the other venue is not asked about the re-post... without the permission of the poster, problems are guaranteed, and I do not have the time, the energy, or the desire to address and deal with the headaches that re-posting causes...

So, henceforth, let's have NO re-posts from other sources referred to the list. Yes, I know this may sound pretty provincial, but those who really care have browsers and know where to look, and those who don't, probably don't....

I do NOT need the aggravation of someone who posts to a newsgroup and then has to fight off the hungry folks from the BA list who want to rearrange his viewpoint or calibrate his selling technique.

ENOUGH! Already... Just don't do it!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -  
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

-----

Date: Mon, 9 Mar 1998 13:47:23 -0500  
From: "Ed Santavicca" <santavic@ct.picker.com>  
To: boatanchors@theporch.com  
Subject: NEED HEATH HFO XTAL  
Message-ID: <8F96A314F4@ct1.ct.picker.com>

Hi guys,

Does anyone have a 10M HFO crystal for an SB-401?  
I need the 29.5 mhz crystal, which is 38.395 mhz.

Thanks

Ed

Ed Santavicca

73 de AA8TV  
Piper Warrior N44076  
santavic@ct.picker.com

-----  
Date: Mon, 9 Mar 1998 14:37:26 EST  
From: FRANKK6NL <FRANKK6NL@aol.com>  
To: boatanchors@theporch.com (multiple recipients of list)  
Subject: Re:AA Code wheel  
Message-ID: <92de56a1.350444f8@aol.com>

In the USNavy when visual signaling by flashing light if one did not know call sign of the ship or station one flashed AA (unknown ship sign) sent as one character by searchlight. I believe the same signal was in the radio procedure but I never saw it used there probably because there was never an occasion to use it. This may have carried over to the code wheel by a little stretch of the imagination !!

Frank

-----  
Date: Mon, 09 Mar 1998 14:55:33 -0500  
From: Al Klase <skywaves@bw.webex.net>  
To: FRANKK6NL@aol.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: AA Code wheel  
Message-ID: <35044935.7803F4A6@bw.webex.net>

Very interesting! A sequence of run-together A's is specified as the "attention" signal for wig-wag in the old Boy Scout handbooks.

My two cents,  
Al

FRANKK6NL wrote:

>  
> In the USNavy when visual signaling by flashing light if one did not know call  
> sign of the ship or station one flashed AA (unknown ship sign) sent as one  
> character by searchlight. I believe the same signal was in the radio  
> procedure but I never saw it used there probably because there was never an  
> occasion to use it. This may have carried over to the code wheel by a little  
> stretch of the imagination !!

>  
Frank

--

Al Klase - N3FRQ  
skywaves@bw.webex.net  
Flemington, NJ 08822  
Web Page: <http://www.webex.net/~skywaves/home.htm>

-----

Date: Mon, 09 Mar 1998 13:02:18 -0700  
From: Dexter Francis <cwest@xmission.com>  
To: boatanchors@theporch.com  
Subject: Help ID Raytel IF cans...?  
Message-ID: <35044ACA.44F6@xmission.com>

Greetings all -

I'm trying to ID some IF cans. The manufacturer appears to be Raytel and the part numbers are 31B102, 489341 and 489337.

Does anyone know who Raytel is/was or have any idea what the design frequencies of these might be?

-df

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Need to Buy or Sell Tubes, Parts or BA Gear?  
Visit our Web site at <http://www.xmission.com/~cwest/>  
e-mail to: tubes@usa.net -or- cwest@xmission.com  
P.O. Box 22443, Salt Lake City, Utah 84122

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Date: Mon, 9 Mar 1998 15:54:33 -0500 (EST)  
From: "David L. Thompson" <thompson@mindspring.com>  
To: boatanchors@theporch.com  
Subject: Charlotte Hamfest  
Message-ID: <1.5.4.16.19980309035558.36df139c@pop.mindspring.com>

Drove up to Charlotte in te rain Sat morn and arrived at 10:30 AM. Met Dave N4X0 and Chuck KB4NEW (from Hampton, VA). This was pre-arranged as I brought them gear sold to them. You BAers in Hampton/Va Beach need to get Chuck on Boatanchors...he is just on the BA newsgroup right now. Look for him on 7290 AM.

While talking to Dave, the famous Greenville gang showed up (K1VVC, Jon and AA8A, Bob). Dave had some BA gear for sale: RME 6900 very clean, Natl SW-54, Swan 350/PS (sold). On the next table was a Globe Chief. The RME went back with Dave N4X0 (dar@hpc.com). Jon got there early and found a Meck.

Looking around there were many attendees and much computer gear, many tube vendors, but little BA gear. I did see a 75A4 with all filters for a grand, but it was worn out. A Hallicrafters Sky something was hidden on the last row against the wall but he wanted two bills and it looked kinda green/yellow. N4QY was at the MFJ display. A yong fellow with a Collins shirt was selling radio station studio consoles. A Swan 250 for \$200 and a TR-4 sat in the back section. A Yaesu twins (FR101 et al) sat in a middle row with the asking price \$500. A bench PS sat somewhere in the back no price, and asked the seller but got no info.

Tried to cut down the price on a 486/66 lap top but those computer vendors aren't hams so no bargain there.

I did win a hourly door prize and got an Daiwa RF Speech Processor (will see how this works with one of several old SSB rigs) for \$40 (looks new). As I was leaving at 3Pm saw a Collins 30L1 and Heath SB200 (also saw several SB220's). No bargains there either.

Only other excitment was the Collins shirted guy said there was an old BW amp for sale but he wanted \$1100. I found the amp and alas it was not a LPA-1 or 1000 (813 users) but a Viewstar BW 2500 with 3-500Z's. A great amp but not my Henry. I did drop in an offer but no dice...

Rain all the back to Atlanta....

BTW Dave N4X0 is looking for a Hunter 20A Cyclemaster. If you know of one for sale, Dave will pay...see his e-mail address early in the message.

73, Dave K4JRB

-----  
Date: Mon, 9 Mar 1998 16:03:17 -0500 (EST)  
From: Al Klase <skywaves@bw.webex.net> (by way of Andre Guibert <aguibert@sympatico.ca>)  
To: boatanchors@theporch.com  
Subject: Re: AA Code wheel  
Message-ID: <199803092103.QAA03946@smtp13.bellglobal.com>

Very interesting! A sequence of run-together A's is specified as

>

> In the USNavy when visual signaling by flashing light if one did not know call  
> sign of the ship or station one flashed AA (unknown ship sign) sent as one  
> character by searchlight. I believe the same signal was in the radio  
> procedure but I never saw it used there probably because there was never an  
> occasion to use it. This may have carried over to the code wheel by a little

> stretch of the imagination !!

>

Frank

Bonjour

By deduction, the string of AA could mean that the signal  
was from an emergency transmitter such as the Gibson Girl  
Andre

-----  
Date: Mon, 9 Mar 1998 16:20:19 EST  
From: ARONGV <ARONGV@aol.com>  
To: boatanchors@theporch.com  
Subject: Speakers/Caps  
Message-ID: <b214a4f2.35045d15@aol.com>

Hi Gang:

Thought it was warm enough to clean out the garage and put some gear back into circulation. Didn't get far before the temperature started dropping, rain came down in buckets, and after I got the doors closed, the temp kept dropping and it finally turned into snow.

Eight inches of snow later, I pulled out a Hallicrafters PM-23, the rare version with the Hallicrafters h on the grillwork. In case you're not up on these oldies, the PM-23 mated with the SX-23, 24, 25, and 28. Most of these didn't have the h on the grill. Anyway, it's very restorable, with TLC of course and the speaker works. \$40 shipped.

I also found under a lot of parts boxes a Hallicrafters R-42 Reproducer. It's intact and working, but the guy who sent it to me used some very sticky tape to attached some notes and when I took the tape off, some of the paint that includes the Hallicrafters logo, etc., came off. Needs work, but round emblem is intact as is the grillwork. \$25 shipped.

My personal wish list includes a couple of 4 to 8 Mfd 1000 to 1200 VDC oil caps, cylindrical type (4 inches tall, 2 inches wide). I know, probably none out there still good, but ya don't know if ya don't ask! These are for my Stancor ST-202A transmitter I'm restoring. I plan to steer it with a Meisner Signal Shifter, mate it with a NC-200 and tie it all to an 80 meter Windom beam.

73s & Good Hunting

Ron (KC's Shriner Hambash '98 is this weekend)



-----  
Date: Mon, 09 Mar 1998 14:44:55 PST  
From: Terry Burge <terrybu@netman.ENS.TEK.COM>  
To: boatanchors@theporch.com  
Cc: terrybu@netman.ENS.TEK.COM  
Subject: puyallup, wa hamfest  
Message-ID: <9803092244.AA13345@netman.ENS.TEK.COM>

Gang,

Puyallup was interesting. Picked up a National RBO (I think), a real basket case but just couldn't pass it up for \$25. Also got an MS-4 for my drake B-line. Here is a rundown on what was available:

Collins

75A4 \$?, R390A \$220 gone, 51J4 ? ('Let's talk'), KWM-2 \$600 not sold, R390 (Rick Mish rebuild) \$550 not sold, 32S1/75S1/pwr sup \$1200 not sold, 32S3 \$? sold, 75S3 \$? still there, others. R390A \$500 still there.

Drake

Lot's of TR3's and TR4's from \$85 basket cases to \$350+. Sand state TR7 nice, offered \$300 but wanted \$325. You know the story, went back later... No separates that I seen (T4XB/R4B/etc).

Hallicrafters

SR-150 \$?, S40, S120, Sky buddy/rider something S-20R or similar, etc. Didn't see anything like SX28 or SX42 or other better sets by Halli'.

National

Two beautiful NC-100 (vertical stripped faces) \$200 down to \$175. One bought and one still there when I left. A few RBO/similar models including my basket case. Wonder how much the Navy had to take these into account when balancing there ships?

Didn't see any HR0's. One or two cheapy's.

Hammerlund

One nice looking HQ-180 for \$400, down to \$350 and still there when I left! A couple of HQ-170's \$?. HX-500 I think, couple of HQ-110's, HQ-129's for \$120-150 or so, also HQ-140 about \$150 I think. Oh yes, SP-600 JX? later version w/o case \$500, was gone shortly there after. Somebody must have wanted that bad!

RCA!

Saw my first AR-88 when the doors just opened for \$225 and that was the last time I saw it. Was in nice shape, no case as I recall. Probably should have ...

Miscellaneous

Lots of books, mikes, big inductors (for bucks!) and variable caps. Quite a few decent buys in rice boxes. TS-820S for \$375, TS-520S w/VFO \$400, FT-901 \$325, FT-101's for \$300+. Also a couple of Atlas 210's. And a good time seemed to be had by all.

Terry

-----  
Date: Mon, 9 Mar 1998 17:59:03 -0500 (EST)  
From: JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)  
To: boatanchors@theporch.com  
Subject: LOW RADIATION RECEIVERS  
Message-ID: <9803091759.aa17639@pcusa01.ecunet.org>

Hank van Cleef wrote:

- > The idea that the U-boats had (and used) countermeasures receivers
- > looking for US radio local oscillator radiation does not seem
- > incredible to me in the context of WW-II era popular notions. Don't
- > forget that this was the era that included the Japanese-American West
- > Coast resettlements, disconnecting SW capability in home entertainment
- > receivers owned by resident aliens in the US,

This happened to my father & mother during WWII. They emigrated to the US from Germany in 1929 & 1936, were not yet naturalized.

They had a lovely Magnavox console radio with 2 SW bands on it. The local radio repairman was under orders to come to their house & disable the SW bands.

He (born in the US of Dutch parents) was a close friend of my father so he disabled a cheap AA5 radio which also had SW instead. So I, born in 1945, could enjoy fully the Magnavox's SW bands. He also fixed TV's later on & spent many fascinating hours in his shop, I loved it there!

The radio was a honey, tuned RF stage, 3 gang VC had its own cover, 2 IF stages, 2-step IF selectivity control, tuning eye, bass & treble tone controls, amplified AVC, extra AF inputs (for FM or TV sound or??), p-p 6V6's, 12" speaker w/whizzer cone, compartment for a record changer.

The chassis was so deep that it hung vertically down from the top of the cabinet.

I wish I had it today, boo hoo!

-John Sehring (written on Mon, Mar 9, 1998 at Custer, SD) UCC WB2EQG

-----  
Date: Mon, 9 Mar 1998 15:29:34 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: test  
Message-ID: <199803092326.PAA05743@calimetrics.com>

Thankyou. Arden Allen KB6NAX aallen@sirius.com

-----  
Date: Mon, 9 Mar 1998 18:44:54 -0500  
From: aa1hb@juno.com (Charles M Cheney)  
To: boatanchors@sco.thePorch.com  
Subject: 70V Line Transformer  
Message-ID: <19980309.185521.6790.0.aa1hb@juno.com>

In the light of the interesting discussion regarding the use of the Radio Shack

PA transformer for BA replacement use, I bought one of these xfmrs and measured

its inductance at various frequencies using a QuadTech Model 7600

Precision RLC

Meter, with the following results:

		Primary tap						Secondary		
	tap									
	Frequency	10	5	2.5	1.25	0.62	4	8	16	
300	L	0.713		1.45	2.96	5.77	10.3	0.0106	0.0179	0.0346
	R	228	459	910	1710	2850	6.4	10.7	19.1	
	$2\pi F \cdot L$	1343	2733	5579	10876		19415	19.	33.	65.
1000	L	0.65	1.2	2.56	4.97	8.49	0.0078	0.013	0.0227	
	R	1200	2330	4480	8370	19500	23	37.6	50.4	
	$2\pi F \cdot L$	4084	7539	16084		31227	53344	49	81	142
3000	L	0.545		1.1	1.87	3.69	6.8	0.0047	0.0079	0.0159
	R	9600	18800		40300	78400	142000	102	172	

350

2\*pi\*F\*L 10273      20734      35248      69554      128176      88  
148 299

At 10 KHz the distributed capacitance was greater than the inductance of the primary windings.

I am better at taking data than at interpreting it, but I gather from the sages on this list that the impedance of a winding should be about 5x the impedance of the stage being coupled. Using this criterion, it would appear that the primary windings are marginal at best for a triode output stage, with the 0.62W winding being the best, and the secondary is useful only with a low-impedance transducer.

Charlie AA1HB (aa1hb@juno.com)

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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 09 Mar 1998 17:02:51 -0700  
From: "Herbert M. Rosenthal" <herbrose@lobo.net>  
To: BoatAnchors <boatanchors@theporch.com>  
Subject: A head scratcher..  
Message-ID: <35048329.2FEA@lobo.net>

A tube-equipment riddle solved:

Though not a boat anchor, it did have a mess of tubes..a beautiful RCA Console am/fm stereo from the early 1960s, was in friend's mother's home..etc...she grew up with it..

Problem: full volume at any setting of the volume control..it appeared that the ground side of the volume control was off ground.

First look at the volume control and its associated tone circuits (bass and treble)..all OK and the volume control was grounded.

Further circuit tracing (no schematic, of course) showed that the preamp

amd mixer stages shared a dual can electrolytic for cathode bypassing.  
AHA!! Leakage between the two stages, AROUND THE VOLUME CONTROL was the  
culprit. Quick trip to Radio Shack and two 100mf/35 caps replaced the  
old can..TOYOTA!

Moral: There may be more than one path for your signal.

A humbling experience.  
Herb Rosenthal W5AN

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Date: Mon, 9 Mar 1998 16:16:18 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>,  
<JOHN\_SEHRING.parti@ecunet.org>  
Subject: Re: LOW RADIATION RECEIVERS  
Message-ID: <199803100013.QAA06052@calimetrics.com>

John Sehring relates to us a story which strikes a nerve in me:

Don't  
> > forget that this was the era that included the Japanese-American West  
> > Coast resettlements, disconnecting SW capability in home entertainment  
> > receivers owned by resident aliens in the US,  
>  
> This happened to my father & mother during WWII. They emigrated to the  
US  
> from Germany in 1929 & 1936, were not yet naturalized.  
>  
> They had a lovely Magnavox console radio with 2 SW bands on it. The  
local  
> radio repairman was under orders to come to their house & disable the SW  
> bands.  
>  
> He (born in the US of Dutch parents) was a close friend of my father so  
he  
> disabled a cheap AA5 radio which also had SW instead. So I, born in  
1945,  
> could enjoy fully the Magnavox's SW bands.

I never new this had occured until I read it here. There was no shortwave  
capable radio in my parents house. I was born in 1941, a native  
Californian. My mother was born in Hungary and emigrated to the U. S. in  
1925. She got her citizenship long before the war. My parents would go to  
the country to buy fresh produce, some from Japanese-American farmers  
before Pearl Harbor. I well remember the times we visited family friends,  
even after WW2, who had shortwave bands on their console radios which

fascinated me but they would not let me listen to the radio. I was just a kid with no rights, right? I certainly remember learning about the internment camps later. I was learning about injustice at a very young age. I will ask my mother about the radio sensorship. She's very keen at 89---I'll get the story.

Arden Allen KB6NAX aallen@sirius.com

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Date: Mon, 09 Mar 1998 20:21:53 -0600  
From: Paul Monroe <pmonroe@jadebbs.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ECO's  
Message-ID: <3504A3C0.BA92C7F0@jadebbs.com>

To all the VFO experts in the group:

I am restoring a 1947 Editors and Engineers Handbook rig. The VFO is a Hartly connected ECO using a 6SK7. It is unusual in that the suppressor grid is connected to the screen. This connection was used in several of the earlier editions of the Editors and Engineers Handbook and also the Radio Handbook.

I don't own any ARRL handbooks earlier than 1948 so don't know if connecting the suppressor and screen grid in an ECO was also popular with the Newington crowd. The 1934 and 1935 editions of the Thoradson Transmitter manual also show ECO's with suppressor and screen connected.

My questions are:

1. When was the ECO invented and was this its original connection?
2. What was the supposed advantage of connecting the suppressor and screen grid? I thought that it might be that the control grid to g2g3 would be higher than the g1-g2 transconductance. It is, but the increase is not that much. In fact, I am suprised at how low the g1-g2 transconductance is in tubes like the 6SK7 or even the 6AG7.

Does anybody in the group have an answer to these questions? Even a wild guess would be amusing.

73,

Paul W9MEH

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Date: Mon, 09 Mar 1998 20:41:30 -0600  
From: Tom Norris <badger@telalink.net>  
To: (Recipient list suppressed)  
Subject: Still looking: SRR-11 parts and pieces  
Message-ID: <3.0.5.32.19980309204130.0086ece0@mail1.telalink.net>

Was hoping my last post would at least get a "you have got to be crazy" reply. But it got none....

So will ask outright - anyone have any SRR-11 parts?  
a whole receiver for parts, etc? Need at this point in  
time the 1st IF module ( or the output transformer for  
the first IF ) and an RF amp module ( or T-128 from same )

Thanks to all on the list for their patience

Tom KA4RKT

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Please visit The Mil List for info on military communications gear:

[HTTP://www.telalink.net/~badger/millist/mi.html](http://www.telalink.net/~badger/millist/mi.html)

This is a non-commercial endeavor strictly for providing  
info for those who have a need for it - and intertainment  
for those who dont....

ANY and ALL Contributions Welcome.

\*\*\*\*\*

Tom Norris KA4RKT

badger@telalink.net

Nashville, Tennessee, USA

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Date: Mon, 9 Mar 1998 21:00:52 -0600 (CST)  
From: berg stephen erik <z931086@corn.cso.niu.edu>  
To: JOHN SEHRING <JOHN\_SEHRING.parti@ecunet.org>  
Cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: LOW RADIATION RECEIVERS

Message-ID: <Pine.3.89.9803092028.A8603-0100000@corn.cso.niu.edu>

When I was working in electronic warfare some years back, I got interested in the history of it. I read several books that we had in our company library about EW in WWII. There was no mention in them about low radiation receivers, but there was quite a bit about radar warning receivers on both sides of the conflict. Apparently, the Germans were not cognizant of our X-band airborne sub finding radars. They seemed to think that we had come up with some infrared sensing capability which made it much easier to find their ships. They did some excellent work on infrared countermeasures to fight the perceived threat. They thought we were using infrared detection since their UHF radar warning receivers were not picking up any radar signatures. They could not detect X-band signals. These new microwave radars were good enough to spot periscopes amongst wave clutter, according to the books. With both sides developing improved electronic warfare capabilities, against perceived and real threats, I am not surprised that receivers that had very low LO radiation were specially developed and fielded. No sense in taking unnecessary chances in war time.

73,

Steve WA9JML

z931086@corn.cso.niu.edu

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Date: Mon, 9 Mar 1998 22:04:43 -0500 (EST)  
From: gcr2@po.CWRU.Edu (George C. Rybicki)  
To: boatanchors@sco.theporch.com  
Subject: Knob Hunt  
Message-ID: <199803100304.WAA03949@piglet.INS.CWRU.Edu>

I am looking for some knobs from 50's 60's military gear, the type that are round with the screw right in the center. I need two sizes two of 0.875 skirt diameter and 4 with a 0.710 skirt diameter. These are for a rt662 but are the same as on a r392 or T195.  
Thanks George

-----  
Date: Mon, 9 Mar 1998 22:43:55 EST  
From: K1HC <K1HC@aol.com>  
To: boatanchors@theporch.com  
Subject: FS: KWS-1



Message-ID: <88efd109.3504b6fd@aol.com>

KWS-1, s.n. in 1500 range. Intact, but in storage about 10 years. Front panels (RF deck and PS) in good shape. Has 4X250B's. No room in the shack. Prefer pickup here in the Boston area, but may be able to put in the back of the wagon for transit in New England area. Please e-mail me directly for more info (don't post to the board and bother others) or call. Will sell to best reasonable offer.

Dick, K1HC

Westwood, MA

phone 781-461-0101 (evenings/weekend best)

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End of BOATANCHORS Digest 1961

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